

WHAT IS CLAIMED IS:

1. A coupling structure for a hollow body, comprising:

a first half part; and

a second half part,

the first half part and the second half part being coupled to each other to constitute the hollow body, the second half part being fitted with an internal member to be provided inside the hollow body,

wherein the first half part, the second half part, and the internal member each includes a coupling face having a first raised portion that extends in a direction of coupling,

wherein the first half part includes a second raised portion and a third raised portion respectively on the inner side of the hollow body and on the outer side of the hollow body with respect to the first raised portion of the first half part, the second raised portion and the third raised portion being separated from the first raised portion with a spacing, being lower than the first raised portion of the first half part, and extending in a direction of coupling,

wherein the second half part includes a third raised portion on the outer side of the hollow body with respect to the first raised portion of the second half part, the

third raised portion of the second half part being separated from the first raised portion of the second half part with a spacing, being lower than the first raised portion of the second half part, and extending toward the third raised portion of the first half part,

wherein the internal member includes a second raised portion on the inner side of the hollow body with respect to the first raised portion of the internal member, the second raised portion of the internal member being separated from the first raised portion of the internal member with a spacing, being lower than the first raised portion of the internal member, and extending toward the second raised portion of the first half part, and

wherein, in a state where the first raised portion of the first half part, the first raised portion of the second half part, and the first raised portion of the internal member are coupled to one another, the second raised portion of the first half part and the second raised portion of the internal member are in contact with each other, and the third raised portion of the first half part and the third raised portion of the second half part are in contact with each other.

2. The coupling structure for a hollow body as set forth in claim 1, wherein the first raised portion of the

first half part has a width that is wider than a width of the first raised portion of the second half part and a width of the first raised portion of the internal member combined together.

3. The coupling structure for a hollow body as set forth in claim 1,

wherein a surface of the first raised portion of the first half part facing the second half part is recessed into the first half part, and

wherein a surface of the first raised portion of the second half part and a surface of the first raised portion of the internal member together form such a protrusion that extends in a direction of coupling and that conforms to the recessed surface of the first raised portion of the first half part.

4. The coupling structure for a hollow body as set forth in claim 3,

wherein the surface of the first raised portion of the first half part has a cross section in the form of a reversed M, and

wherein the surface of the first raised portion of the second half part and the surface of the first raised portion of the internal member has a cross section in the form of

a reversed V.

5. The coupling structure for a hollow body as set forth in claim 1,

wherein the internal member is an oil filter, and

wherein the hollow body has an oil inlet and an oil outlet.